Information Technology Enterprise Architecture

Job Code	Class Title	Pay Grade	DEFAULT CODES Supervisory	FLSA
	IT Architecture Analyst I	30	N	N
	IT Architecture Analyst II	32	N	E

OCCUPATIONAL CONCEPT

Analyze, design, evaluate, and plan the agency Business Architecture & Information Technology Systems Architecture in order to optimize the enterprise information technology architecture of an agency. This includes existing and new technology in all areas of information technology such as platform, operations, network, applications, and security. Works with the CIO, IT Managers and Project Managers to ensure the architecture as a whole is appropriately linked, being leveraged to maximum benefit, and ready for future development.

TASKS

- Consults with managers and technical support staff to ensure that networking systems, server platforms, and user platforms conform to and support the agency's IT Enterprise Architecture and strategic plan as well as the State's Enterprise Architecture plan.
- Assist in coordinating the transition plans from all disciplines (ie data, technology, infrastructure, and business, strategy) so that an enterprise transition is possible with minimal disruption and investment.
- Assists in determining how to leverage existing investments to accomplish more agency and statewide. Assist in determining how to make future investments to increase efficiencies or effectiveness agency and statewide.
- Provides support for project plans and budgets by analyzing project needs and comparing to existing systems.
- Assists agency in the development of project plans, and/or budget requests, to optimize the architecture.
- Evaluates project plans for compliance with architecture, standards, policies and guidelines.
- Consults with project managers and information technology managers to ensure compliance with information technology architecture, standards, policies and methodologies and timely completion of IT projects.
- Makes recommendations for equipment acquisition by identifying both the budgetary and technological impact on agency programs.
- Helps to identify and reports on architecture deficiencies in current and planned architectures.
- Involved in modeling various aspects of the architecture disciplines, building block design, applications and role design, systems integration.
- Documents and maintains the enterprise software engineering models which include data interchange models, data management methods and procedures.

- Managing business change integration with project management methods and tools, integration with IT Investment analysis and budgeting.
- Keeps the enterprise software engineering models, security models, data interchange models, data management methods and procedures current and mentors the agency business and technical personnel.
- Assisting with developing data protection laws, privacy policy, contract law, procurement law, fraud investigative techniques.

DEFINITIONS OF WORK

IT Architecture Analyst I: Responsible for providing specialized oversight of one information technology focus area for an agency by ensuring that enterprise architecture policies, guidelines, and objectives are being met. An enterprise-wide perspective is used to evaluate agency information technology project plans for compliance with the overall architecture plan. Understands enterprise architecture models and explains how they work and provide benefit. Provides technical assistance to agency information technology staff. Communication and analytical thought become important at this level due to increased data, changing technical and best practices in the industry, and changing situations. Costs due to errors may be significant. Work is performed under direction, periodically checked for progress and conformance to established policies and requirements.
Minimum Qualifications: Bachelor's degree in computer science or a related field and two years of experience or three years of experience in multiple focus areas of information technology and business analysis. Education may be substituted for experience as determined by the agency. Individual positions may require additional specific education and/or experience.

IT Architecture Analyst II: Responsible for providing specialized oversight of multiple information technology focus areas for an agency by ensuring that enterprise architecture policies, guidelines, and objectives are being met. An enterprise-wide perspective is used to evaluate agency information technology project plans for compliance with the overall architecture plan. This includes in depth knowledge of the enterprise, logic, systems, programming, and components; and a broad range of knowledge across the agency business, data, technology, applications and organizational views. Provides technical assistance to agency information technology staff. Work involves assessing project characteristics, defining the scope, and developing an initial concept around potential solutions. Responsibility also includes clearly defining the agency architecture model within statewide guidelines, requirements, and constraints. Analytical thought is very important at this level due to increased data and changing situations, costs due to errors may be significant as the responsibilities cross multiple information technology focus areas. Communication skills become important at this level in order to convey the agency architecture needs to project managers and technical staff.
Minimum Qualifications: Bachelor's degree in computer science or related field and three years of experience or four years experience in multiple focus areas of information technology and business analysis. Education may be substituted for experience as

determined by the agency. Individual positions may require additional specific education and/or experience.

NECESSARY SPECIAL REQUIREMENTS

Some positions in this class series may require a Kansas Bureau of Investigation Level 1 Security clearance at the time of appointment.